

Converting Colors

$Y_{xy}(28.1233, 0.2639, 0.3341)$

Have a look what the booklet for
Yxy(28.1233, 0.2639, 0.3341)
contains.

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Color

$\text{Yxy}(28.2511, 0.2640, 0.3341)$

Conversions

Conversions Part 1

Format	Color
Hex	619B98
RGB	97, 155, 152
RGB Percent	38%, 61%, 60%
CMY	0.6194, 0.3922, 0.4039
CMYK	0.37, 0.00, 0.02, 0.39
HSL	177°, 23%, 49%
HSV	177°, 37%, 61%
XYZ	22.3235, 28.2511, 33.9842
YIQ	137.3160, -33.6050, -13.2290

Conversions

Conversions Part 2

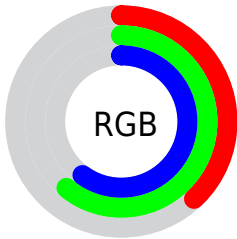
Format	Color
R _Y B	97, 127, 155
Decimal	6396824
CIE Lab	60.11, -19.59, -4.43
CIE LCh	60, 20.084, 192.751
Yxy	28.2511, 0.2640, 0.3341
Android (android.graphics.Color)	4284586904 (0xFF619B98)
YUV	137.3160, 7.2392, -35.3571
Hunter-Lab	53.1518, -18.0463, -0.7026

Details

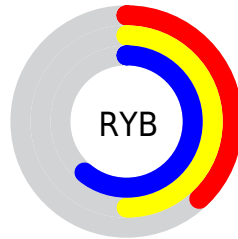
The Yxy color **28.2511, 0.2640, 0.3341** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.4495, 0.3962, 0.3242**, and the grayscale version is **25.1291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0334, 0.2739, 0.3340**, and **11.3981, 0.2476, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **27.4556, 0.2539, 0.3357**, and if you desaturate by 10%, it is **29.2154, 0.2756, 0.3326**.

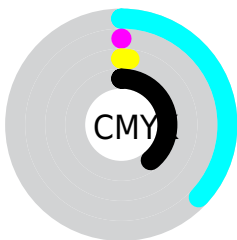
Distribution



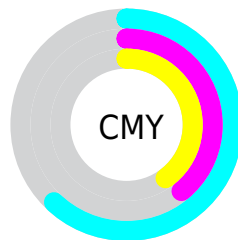
- Red (38%)
- Green (61%)
- Blue (60%)



- Red (38%)
- Yellow (50%)
- Blue (61%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)





- Cyan (62%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2511, 0.2640, 0.3341 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 28.2511, 0.2640, 0.3341 by changing the saturation by 10% instead.


 28.2511, 0.2640,
0.3341


 28.2511, 0.2640,
0.3341


293.6648, 0.2901,
0.3317

 18.5150, 0.2569,
0.3346


 56.8851, 0.2739,
0.3333

 11.3204, 0.2473,
0.3352


 76.5518, 0.2775,
0.3330

 6.2828, 0.2338,
0.3358


 100.2975, 0.2805,
0.3327

 3.0178, 0.2135,
0.3363

 128.5066, 0.2830,
0.3324

 1.1410, 0.1737,
0.3382

161.5635, 0.2852,
0.3322

 0.0127, 0.0000,
0.0378

199.8526, 0.2870,

 0.0000, 0.0000,

0.3320

0.0000

243.7582, 0.2887,
0.3319

■ 28.2511, 0.2640,
0.3341

■ 28.2511, 0.2640,
0.3341

■ 27.4556, 0.2539,
0.3357

■ 29.2154, 0.2756,
0.3326

■ 26.8159, 0.2454,
0.3373

■ 30.3540, 0.2884,
0.3312

■ 26.3222, 0.2387,
0.3390


■ 31.6765, 0.3021,
0.3299


■ 25.9626, 0.2339,
0.3407


■ 33.1905, 0.3165,
0.3287


■ 25.7229, 0.2308,
0.3423

■ 34.9035, 0.3314,
0.3276


 25.5798, 0.2293,
0.3440

 36.8222, 0.3463,
0.3267

 25.5469, 0.2290,
0.3444

 38.9535, 0.3612,
0.3258

 41.3035, 0.3759,
0.3251

 43.8783, 0.3902,
0.3245

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.2511, 0.2895, 0.3649



28.2511, 0.2640, 0.3341



28.2511, 0.2515, 0.3037

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.2511, 0.2640, 0.3341



28.2511, 0.3006, 0.2799



28.2511, 0.3742, 0.3730

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.2511, 0.2640, 0.3341



16.4495, 0.3962, 0.3242

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.2511, 0.3781, 0.3487



28.2511, 0.2640, 0.3341



28.2511, 0.3344, 0.2966

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.2511, 0.2640, 0.3341



28.2511, 0.2717, 0.2745



28.2511, 0.3633, 0.3212



28.2511, 0.3533, 0.3872

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.2511, 0.2640, 0.3341



28.2511, 0.2516, 0.2882



28.2511, 0.3633, 0.3212



28.2511, 0.3776, 0.3657

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.2522, 0.2640, 0.3341



55.7863, 0.2968, 0.3304



27.0668, 0.3111, 0.4377



12.5595, 0.2950, 0.3305



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.2522, 0.2640, 0.3341



49.3707, 0.2553, 0.3354



20.8468, 0.2553, 0.2828



7.0211, 0.2995, 0.3301



20.5233, 0.2290, 0.3443



0.3083, 0.2269, 0.3368

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.4495, 0.3962, 0.3242



25.0534, 0.4257, 0.3232



21.7916, 0.3854, 0.3707



6.2276, 0.3275, 0.3279



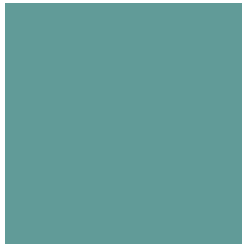
5.6130, 0.6326, 0.3258



0.0851, 0.5977, 0.3066

Previews

White Background



This preview shows how the Yxy color 28.2511, 0.2640, 0.3341 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 28.2511, 0.2640, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

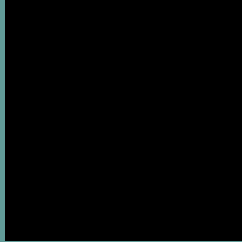
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.2511, 0.2640, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 28.2511, 0.2640, 0.3341.

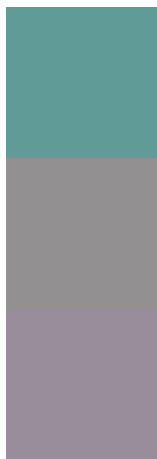


This preview shows how white text looks on a background with the Yxy color 28.2511, 0.2640, 0.3341.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.2511, 0.2640, 0.3341

Protanopia

28.1018, 0.3138, 0.3274

Deuteranopia

27.8950, 0.3117, 0.3058



Tritanopia

28.2658, 0.2570, 0.3085

Trichromacy



Original Color

28.2511, 0.2640, 0.3341

Protanomaly

27.9071, 0.2928, 0.3289

Deuteranomaly

27.5704, 0.2921, 0.3142

Tritanomaly

28.3586, 0.2601, 0.3185

Monochromacy



Original Color

28.2511, 0.2640, 0.3341

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

26.0371, 0.2921, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2511, 0.2640, 0.3341 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(97, 155, 152)` looks like.

```
.text, #text, p{  
    color:rgb(97, 155, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(97, 155, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 155, 152) }
```

Border

The CSS property to change the border of an element to Yxy 28.2511, 0.2640, 0.3341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 155, 152) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(97, 155, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(97, 155, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 155, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 155, 152);  
box-shadow:4px 4px 4px 4px rgb(97, 155,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2511, 0.2640, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 155, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(97, 155,  
152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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